

Specification Amendments

Replace the paragraph between page 24, line 16 and page 25, line 3 with the following:

--Fig. 2 shows one typical fiber grating laser in more detail. In addition to the components already mentioned in Fig. 1, this figure shows the laser diode 101, a highly reflective ~~laser layer~~ layer 102 on the rear facet and a nonreflective layer 103 on the front facet of the semiconductor laser 1, as well as a monitor diode 21. The highly reflective facet 102 of the laser and the fiber Bragg grating 5 form the optical resonator of the laser. The nonreflective coating 103 has a residual reflection of preferably less than 0.1%, and is used to suppress parasitic residual reflections on the semiconductor crystal.--